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SUGAR REPORTS

UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE

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MARKET REVIEW

Sugar sales this year through Oct. 17 continue at a record rate, although reported deliveries since Sept. 1st were only slightly larger than those of the comparable period of last year.

Preliminary reports of distribution by all primary distributors through Oct. 17, 1970 totaled 9,039,000 short tons, raw value, compared with 8,519,000 tons and 8,617,000 tons during the corresponding periods of 1969 and 1968. Adjustment of constructive deliveries to the year of actual delivery would bring total physical deliveries in the 1970 period to 9,079,000 tons, or 343,000 tons and 451,000 tons more, respectively, than physically delivered in the same periods of 1969 and 1968.

Reported deliveries through Oct. 17 of this year total about 78 percent of the consumption requirements established for the year compared with deliveries of 79 percent and 78 percent, respectively, of the annual requirements, estimated for 1969 and 1968.

Cane sugar refiners reported distribution of 6,025,000 tons through Oct. 17, 1970. This was 204,000 tons more than during the comparable period of 1969, but 123,000 tons less than during that period of 1968. Beet sugar processors' deliveries in 1970 through Oct. 17, were reported as 2,853,000 tons, or 313,000 tons and 585,000 tons more, respectively, than during those periods of 1969 and 1968.

Regionally, Jan.-Aug. 1970 reported deliveries of refined sugar were 7.1 percent more than reported during those months of 1969. Each of the five regions reported increased deliveries with the North Central region up the most--10.6 percent--followed by the West which was up 6.4 percent, the mid-Atlantic up 5.5 percent, the South up 5.2 percent, and the New England region up 2.8 percent.

Deliveries during the first eight months of 1970 were larger for 42 states than in the first eight months of 1969, and smaller for eight. In 22 of these states, deliveries of sugar in the 1970 period were over 100,000 hundredweight more than during the same period of 1969. Illinois had the largest reported increase, 1,800,000 hundredweight, followed by California, where deliveries increased 933,000 hundredweight, Michigan up 700,000, Ohio up 688,000, and Pennsylvania up 573,000 hundredweight. Of the eight states reporting smaller deliveries in the 1970 period, Georgia received 91,000 hundredweight less. The remaining seven states received in the range of 27,000 hundredweight less in New Hampshire to 3,000 hundredweight less in Alaska, Maine and Rhode Island.

Preliminary stocks of raw and refined sugar held by all primary distributors on Oct. 3, 1970 totaled 1,035,000 short tons, raw value, or about 349,000 tons less than a month earlier, and 361,000 tons less than at the end of September last year. Beet processors' stocks of 324,000

tons were 233,000 tons less than a month ago and 166,000 tons less than a year ago. Cane refiners' inventories of 676,000 tons were 55,000 tons less than at the end of Aug. 1970 and about 132,000 tons less than a year earlier.

Prospects for sugarbeet production continued to improve in September, according to the Department's Crop Reporting Board. Based on conditions as of October 1, production is now forecast at 26.4 million tons, five percent below last year's record crop but four percent more than the 1968 crop. Good growing conditions and much needed rainfall throughout the North Central sugarbeet areas improved yield prospects. Harvest had begun in that region on a plant capacity basis and limited harvest had begun in some of the mountain states where frosts had occurred but were not severe enough to damage the crop. Harvesting was occurring in all areas of California except the Imperial Valley, where digging had been completed. In Arizona, harvest of spring planted beets was expected to begin about mid-October. The indicated U. S. average yield of sugarbeets per acre was 18.6 tons compared with 18.0 tons in 1969 and 1968.

The October forecast for the production of sugarcane for sugar and seed on the mainland and in Hawaii was 25.3 million tons, unchanged from September's prediction but about 12 percent above the 1969 crop. During September rainfall had been adequate in Florida and temperatures favored crop development. In Louisiana, the crop made rapid growth but excessive rainfall caused some lodging. Harvesting of the Louisiana crop was expected to get under way about mid-October. The crop of Hawaiian sugarcane progressed well during September under near ideal growing conditions.

Production of cane sugar in Hawaii through Oct. 10, 1970 amounted to 1,079,574 tons, 96° basis, compared with 1,012,696 tons produced through Oct. 11, last year.

The New York Coffee and Sugar Exchange spot quotation for raw sugar duty paid and delivered to New York averaged 8.16 cents per pound during September, down from 8.19 cents in August and up from 7.83 cents in September of last year. The quotation began in September on a strong note at 8.20 cents per pound but on Sept. 9 weakened to 8.18 cents and, on Sept. 10, to 8.14 cents where it remained for the balance of the month. The quotation started October on a stronger note at 8.17 cents but on Oct. 13, declined to 8.15 cents and on Oct. 21, to 8.13 cents. For the period Jan. 1 through Oct. 20, 1970 the quotation averaged 8.09 cents per pound compared with 7.74 cents for Jan. 1 through Oct. 21, 1969.

Since the last issue of Sugar Reports one announcement affecting the quoted price for refined sugar sold at wholesale was noted. On October 23, 1970 a beet sugar processor in the intermountain Northwest region announced that effective close of business the same day, the basis price for 100-pound paper bags of fine granulated sugar would be increased .15 cent per pound, from 11.05 cents to 11.20 cents. Provision was included for consideration of orders for shipment or delivery by close of business Oct. 30, 1970 at prices in effect prior to the announced increase.

Shown below are the price quotations as of October 27 for refined sugar sold at wholesale in the basis pack by regions. Actual prices may differ significantly from the quotations in response to competitive conditions.

	<u>Cane</u>	<u>Beet</u>
	<u>Cents per pound in 100-pound paper bags</u>	
Northeast	12.20	
Southeast	11.65	
Gulf	11.15/11.40	
Eastern beet		11.35
Chicago-west	11.35/11.45	11.35/11.45
Southwest	11.35/11.45	11.35/11.45
Lower Pacific	11.20	11.20
Northwest intermountain	11.05	11.05

The U. S. average retail price for refined sugar sold in 5-pound paper bags was 13.16 cents per pound during September, up from 13.12 in August and 12.52 in September of last year. For the first three quarters of 1970 the retail price averaged 12.85 cents per pound or 3.9 percent above the average for the first three quarters of 1969.

The spot quotation for World sugar, bagged and stowed at Greater Caribbean ports, including Brazil (the No. 8 Contract of the New York Coffee and Sugar Exchange) averaged 3.93 cents per pound during September, up from 3.89 cents in August and 3.10 cents in September of last year. The quotation for the No. 11 Contract (bulk), initiated by the Exchange on May 5, 1970 to replace the No. 8 Contract, averaged 3.86 cents per pound in September up from 3.83 cents in August. The No. 8 Contract, as a result of a resolution by the Board of Managers of the New York Coffee and Sugar Exchange, will be phased out by year end 1970 in favor of the No. 11 Contract. The quotation for the No. 11 Contract was steady at 3.84 cents per pound from Sept. 21 through Oct. 6, 1970. Subsequently, the quotation followed a strong trend increasing to 4.00 cents on Oct. 26. For the period Oct. 1-27 the quotation

averaged 3.90 cents per pound, or .07 cents below the average of the quotations for the No. 8 Contract for this period. During the comparable period last year the No. 8 Contract quotation averaged 3.10 cents per pound.

ADMINISTRATIVE ACTIONS

<u>Date announced</u>	<u>Nature of action</u>
Sept. 23, 1970	Provides means for determining rates of commercially recoverable sugar from sugarbeets of the 1970 crop. (See Sept. 30, 1970 Federal Register).
Sept. 25, 1970	Provides an additional method for crediting accredited acreage when a sugarcane farm is subdivided. (See Oct. 2, 1970 Federal Register).
Sept. 30, 1970	Provides means for determining the rates of commercially recoverable sugar from mainland cane sugarcane for the 1970 and subsequent crops. (See Oct. 7, 1970 Federal Register).
Oct. 2, 1970	Announced a determination of fair and reasonable wage rates for workers employed in the production, cultivation, and harvesting of sugarcane in Louisiana, effective Oct. 12, 1970. The determination increases basic minimum wage rates established by the prior determination by 10 cents per hour for each class of worker. Producers are required to pay wages not less than those determined to be fair and reasonable by the Secretary of Agriculture as one of the conditions to qualify for payment under the Sugar Act. A public hearing on fair and reasonable wage rates was held in Houma, Louisiana on June 5, 1970. (See Oct. 7, 1970 Federal Register).
Oct. 12, 1970	Announced a determination of fair and reasonable wage rates for workers employed in the production, cultivation and harvesting of sugarcane in Florida, effective Oct. 26, 1970. The determination increases minimum wage rates established by the prior determination by 10 cents per hour for all classes of fieldworkers. This results in wage minimums of \$1.75 per hour for un-

Date announcedNature of action

Oct. 12, 1970
(cont'd.)

skilled workers, and \$2.00 per hour for tractor drivers and principal operators of mechanical harvesting and loading equipment.

Payment of wages not less than those set by the Secretary of Agriculture as fair and reasonable is a requirement that producers must meet to qualify for payments under the Sugar Act of 1948, as amended.

A public hearing on fair and reasonable wage rates was held in Belle Glade, Florida, on May 26, 1970. (See Oct. 16, 1970 Federal Register).

Oct. 12, 1970

Announced its determination of fair and reasonable prices for the 1970 crop of Florida sugarcane.

The determination continues the provisions of the 1969 crop determination without change, except that the molasses payment to producers is to be based on 5.8 gallons (formerly 5.9) of blackstrap molasses per net ton of sugarcane, in order to reflect the most recent 5-year average recovery. The basic price per ton of standard sugarcane remains \$1.12 for each cent per pound of the season's average price of raw sugar.

A public hearing was held in Belle Glade, Florida, on May 26, 1970, affording interested persons the opportunity to present testimony relating to fair and reasonable prices for the 1970-crop Florida sugarcane. (See Oct. 16, 1970 Federal Register).

Oct. 20, 1970

Announced that a public hearing will be held Nov. 12 at Santurce, Puerto Rico, to develop a basis for allotting the direct-consumption portion of the 1971 mainland sugar quota for Puerto Rico.

The hearing will begin at 9:30 a. m. in the Conference Room, 7th Floor, Segarra Building, Stop 20, Santurce, Puerto Rico.

At the hearing, all interested persons will have opportunity to submit evidence. (See Oct. 24, 1970 Federal Register).

Date announcedNature of action

Oct. 20, 1970

Announced a public hearing on fair prices for the 1970-71 Puerto Rican sugarcane crop.

The hearing will be held Nov. 12, 1970, in the Conference Room, Seventh Floor, Segarra Building, Stop 20, Santurce, Puerto Rico beginning at 10:30 a. m.

To obtain the best possible information, USDA requests that all interested persons appear at the hearing to present views and make recommendations on all matters related to fair prices for sugarcane.

To qualify for payments under the Sugar Act of 1948, as amended, producers who process sugarcane grown by others must pay prices which have been determined by the Secretary of Agriculture to be fair and reasonable. (See Oct. 24, 1970 Federal Register).

STATISTICAL SERIES IN THIS ISSUE

HIGHLIGHTS

1. September 1970 sugar deliveries for continental U. S. consumption 1,061,000 short tons, raw value (preliminary), down about 17,000 tons from August 1970 and down 1,000 tons from September 1969. January-September 1970 deliveries 8,521,000 short tons, raw value (preliminary), up 497,000 tons from January-September 1969. Final data for August 1970 deliveries 1,078,000 short tons, raw value,-previously published preliminary as 1,098,000 tons.

2. Primary distributors' stocks October 3, 1970 were 1,035,000 short tons, raw value (preliminary), down 361,000 tons from a year ago, and down 349,000 tons from end August 1970. During September refiners' stocks decreased by 55,000 tons, beet processors' stocks by 233,000 tons, mainland cane processors' stocks by 51,000 tons and importers of direct consumption sugar stocks 9,000 tons.

3. Charges to 1970 quotas through September 30, 1970 were 8,737,897 short tons, raw value, leaving a balance of 2,862,103 tons to be supplied within the 11,600,000 ton total.

4. Regionally, January-August deliveries, 1970 as compared with 1969 were up in all of the five regions: Increases-North Central 10.6 percent, West 6.4 percent, mid-Atlantic 5.5 percent, South 5.2 percent and New England 2.8 percent.

Table 1.- Sugar supply and disposition by primary distributors, January-August 1970

(Short tons, raw value)

Item	Beet	Importers	Main-land cane	Refiners		Net total
	processors		processors	Raw	Refined	
	(1)	(2)	(3)	(4)	(5)	(6)
SUPPLY						
1. <u>Inventory Jan. 1, 1970</u>	1,413,235	9,904	412,114	694,885 ^{2/}	268,967 ^{2/}	2,799,105
2. <u>Production and movement</u>						
a. Received as direct-consumption sugar	0	104,292	0	0	5,977	110,269
b. Produced from beets or cane	1,480,007	0	338,441	0	0)	
Less deliveries to refiners	0	0	632,837	0	0)	1,185,611 ^{3/}
c. Receipts of raws by refiners	0	0	0	4,895,076 ^{4/}	0)	
Less raws melted	0	0	0	5,065,938	0)	-170,862 ^{5/}
d. Refined from raws melted	0	0	0	0	5,019,632	5,019,632
e. Adjustments	-2,330	0	+788	-441	-4,169	-6,152
f. Sub-total	1,477,677	104,292	-293,608	-171,303	5,021,440	6,138,498
3. <u>Net total supply</u>	2,890,912	114,196	118,506	523,582	5,290,407	8,937,603
DISPOSITION						
4. <u>Distribution for</u>						
a. Quota purposes	2,333,912	99,460	37,113	12,118	4,976,706	7,459,309
b. Export	0	120	0	0	40,422	40,542
c. Livestock feed	0	501	0	47	38,777	39,325
d. Alcohol	0	0	0	0	14,808	14,808
e. Sub-total	2,333,912	100,081	37,113	12,165	5,070,713	7,553,984
5. <u>Inventory August 31, 1970</u>	557,000	14,115	81,393	511,417 ^{6/}	219,694 ^{6/}	1,383,619
6. <u>Total distribution and inventory</u>	2,890,912	114,196	118,506	523,582	5,290,407	8,937,603

^{1/} Establishments that acquire no raw sugar from others for refining. Processor-refiners are included with refiners.

^{2/} Includes Mainland cane sugar not charged to quota: Raws, 200,002; Refined, 23,486; Total, 223,488.

^{3/} Production less deliveries of raw sugar to refiners.

^{4/} Includes 632,837 tons received from mainland cane processors.

^{5/} Receipts of raw sugar by refiners less melt.

^{6/} Refiners' inventories include mainland cane sugar not charged to quota: Raws, 3,698; Refined, 0; Total, 3,698. Importers' inventory include -0- tons for quota exempt purposes.

Table 2. Distribution of sugar by primary distributors, January-August 1970 and 1969

Item	1970	1969	Change 1969 to 1970
Short tons, raw value			
<u>Continental United States</u>			
Refiners' raw	12,165	12,190	-25
Refiners' refined	5,070,713	4,858,773	+211,940
Sub-total	5,082,878	4,870,963	+211,915
Beet processors' refined	2,333,912	2,054,931	+278,981
Importers' direct consumption	100,081	100,374	-293
Mainland sugarcane processors'	37,113	36,714	+399
Total	7,553,984	7,062,982	+491,002
For: Export	40,542	63,508	-22,966
Livestock feed	39,325	30,238	+9,087
Alcohol	14,808	7,382	+7,426
Continental consumption ^{1/}	7,459,309	6,961,854	+497,455
<u>Puerto Rico</u>	85,000 ^{2/}	84,904	+96
<u>Hawaii</u>	24,263	23,577	+686

^{1/} Includes deliveries for United States military forces at home and abroad.^{2/} Estimated.

Table 3. Stocks of sugar held by primary distributors in the continental United States August 31, 1970 and 1969

Item	1970	1969	Change 1969 to 1970
Short tons, raw value			
Refiners' raw	511,417	565,486	-54,069
Refiners' refined	219,694	307,006	-87,312
Sub-total ^{1/}	731,111	872,492	-141,381
Beet processors' refined	557,000	668,541	-111,541
Importers' direct consumption	14,115	7,616	+6,499
Mainland sugarcane processors'	81,393	148,989	-67,596
Total	1,383,619	1,697,638	-314,019

^{1/} Included mainland cane sugar not charged to quota: 1970 - Raws, 3,698; Refined 0; Total, 3,698; 1969 - Raws, 0; Refined, 6,601; Total, 6,601

Table 4. Distribution of sugar by primary distributors in the continental United States, September and January-September 1970 and 1969

Item	1970 ^{1/}	1969	
	September	Jan.-Sept.	September
Short tons, raw value			
Refiners	668,816	5,751,694	724,409
Beet processors' refined	373,446	2,707,358	332,956
Importers' direct consumption	17,121	117,202	16,682
Mainland sugarcane processors'	2,000 ^{2/}	39,113	3,169
Total	1,061,383	8,615,367	1,077,216
For: Export	n.a.	40,542	1,581
Livestock feed	n.a.	39,325	5,323
Alcohol	n.a.	14,808	8,496
Continental consumption ^{3/}	1,061,383	8,520,692	1,061,816

^{1/} Preliminary. ^{2/} Estimated. ^{3/} Includes deliveries for U.S. military forces at home and abroad.

Table 5. Stocks of sugar held by primary distributors in the continental United States, October 3, 1970 and September 30, 1969

Item	1970 ^{1/}	1969	Change 1969 to 1970
Short tons, raw value			
Refiners' raw	461,329	529,079	-67,750
Refiners' refined	214,555	278,878	-64,323
Sub-total	675,884	807,957	-132,073
Beet processors' refined	323,577	489,165	-165,588
Importers' direct consumption	5,412 ^{2/}	9,182	-3,770
Mainland sugarcane processors	30,000	89,818	-59,818
Total	1,034,873	1,396,122	-361,249

^{1/} Preliminary^{2/} Estimated

Table 6. Mainland sugar: Production and quota charges January-August 1970 and 1969

Item	1970	1969	Change 1969 to 1970
Short tons, raw value			
<u>Production</u>			
Mainland cane	338,688	320,327	+18,361
Domestic beet	1,477,677	1,340,820	+136,857
Total	1,816,365	1,661,147	+155,218
<u>Quota charges</u>			
Mainland cane:			
Louisiana sugarcane processors			
For further processing	297,815	336,469	-38,654
For direct-consumption	7,532	8,657	-1,125
Louisiana processor-refiners	92,205	102,162	-9,957
Florida sugarcane processors	491,648	468,186	+23,462
Sub-total	889,200	915,474	-26,274
Beet processors	2,333,912	2,054,931	+278,981
Total	3,223,112	2,970,405	+252,707

Table 7. Receipts of quota-exempt and over-quota sugar included in Table 8.

Purpose	Refiners		Importers		Total	
	1970	1969	1970	1969	1970	1969
Short tons, raw value						
<u>For export</u>						
Argentina	1,759				1,759	
Brazil	15,135	22,493	120	106	15,255	22,599
Colombia		6,001				6,001
Dominican Republic	13,162				13,162	
El Salvador		8,334				8,334
France	8,254				8,254	
Guatemala	5,890				5,890	
Hawaii	1,008	1,016			1,008	1,016
Honduras	3,160				3,160	
Puerto Rico	308	232			308	232
South Africa		7,587				7,587
Total	48,676	45,663	120	106	48,796	45,769
<u>For livestock feed</u>						
Belgium				2,396		2,396
Brazil	17,687	4,878			12,797	4,878
Dominican Republic	12,172				12,772	
El Salvador		2,649				2,649
France				4,032		4,032
South Africa	16,539				16,539	
Sweden				3,536		3,536
United Kingdom			1,749		1,749	
Total	42,108	7,527	1,749	9,964	43,857	17,491
<u>For alcohol</u>						
Brazil		10,248				10,248
Colombia		5,747				5,747
Dominican Republic	6,660				6,660	
El Salvador		4,933				4,933
Total	6,660	20,928			6,660	20,928
<u>Held pending availability of quota</u>						
Bahamas		209				209
South Africa	819				819	
Total	819	209			819	209
<u>In Customs custody</u>						
Hong Kong				47		47
Reunion		11,491				11,491
Total		11,491		47		11,538
GRAND TOTAL	98,263	85,818	1,869	10,117	100,132	95,935

Table 8. Sugar receipts of refiners and importers by source of supply ^{1/} January-August 1970 and 1969

Source of supply	Raw sugar		Direct consumption sugar		Total	
	1970	1969	1970	1969	1970	1969
	Short tons, raw value					
OFFSHORE						
Foreign						
Argentina	50,817	28,029			50,817	28,029
Bahamas	9,304	10,209			9,304	10,209
Belgium				2,406		2,406
Brazil	411,751	517,390	120	106	411,871	517,496
British Honduras	11,508	8,355			11,508	8,355
British West Indies	96,898	119,848	1		96,899	119,848
China, Republic of	67,905	69,456			67,905	69,456
Colombia	52,506	63,311	8	10	52,514	63,321
Costa Rica	57,762	46,475			57,762	46,475
Denmark			10	10	10	10
Dominican Republic	592,054	461,534			592,054	461,534
Ecuador	32,767	26,914			32,767	26,914
El Salvador	37,008	36,435			37,008	36,435
Fiji Islands	12,178	31,594			12,178	31,594
France	8,254			4,042	8,254	4,042
French West Indies	65,339	69,138			65,339	69,138
Germany, West			10	10	10	10
Guatemala	61,929	45,547			61,929	45,547
Haiti	15,980	15,820			15,980	15,820
Honduras	9,855				9,855	
Hong Kong				46		46
India	40,970	55,750	5	2	40,975	55,752
Ireland			5,351	5,351	5,351	5,351
Mexico	598,894	576,360		4	598,894	576,364
Netherlands			10	10	10	10
Nicaragua	63,845	44,390			63,845	44,390
Panama	30,612	34,470	2,041	1,942	32,653	36,412
Paraguay			10	10	10	10
Peru	180,240	125,193			180,240	125,193
Philippines	853,002	756,079	5,465	1,198	858,467	757,277
Reunion		11,491				11,491
South Africa	78,051	30,747			78,051	30,747
Sweden			6	3,547	6	3,547
United Kingdom			1,749		1,749	
Venezuela	30,982	16,855			30,982	16,855
Total	3,470,411	3,201,390	14,786	18,694	3,485,197	3,220,084
Domestic						
Hawaii	613,137	684,733	5,977 ^{2/}	3,548 ^{2/}	619,114	688,281
Puerto Rico	177,100	171,510	89,506	77,797	266,606	249,307
Virgin Islands	0	0	0	0	0	0
Total	790,237	856,243	95,483	81,345	885,720	937,588
Total offshore	4,260,648	4,057,633	110,269	100,039	4,370,917	4,157,672
Mainland cane area	632,837	595,332	0 ^{3/}	0 ^{3/}	632,837	595,332
Acquired for reprocessing and samples	1,591	1,313	0	0	1,591	1,313
GRAND TOTAL	4,895,076	4,654,278	110,269	100,039	5,005,345	4,754,317

^{1/} Includes sugar as detailed in Table 7.^{2/} Refined sugar received by refiners.^{3/} Refined sugar produced direct from cane by processor-refiner.

Table 9. Status of 1970 quotas and charges as of September 30, 1970

Source of supply	Quotas and prorations	Total charges to quotas <u>1/2/3/</u>	Balances <u>2/</u>
Short tons, raw value			
Domestic beet sugar	3,597,000	2,707,000	890,000
Mainland cane sugar	1,308,000	940,000	368,000
Hawaii	1,145,486 ^{4/}	742,392	403,094
Puerto Rico	360,000	296,618	63,382
Virgin Islands	0		0
Total	6,410,486	4,686,010	1,724,476
Republic of the Philippines	1,301,020	995,895	305,125
Argentina	78,509	67,853	10,656
Australia	206,270	105,957	100,313
Bahamas	10,000	10,000	
Bolivia	7,599		7,599
Brazil	638,210	520,920	117,290
British Honduras	15,782	12,279	3,503
British West Indies	216,645	140,925	75,720
China, Republic of	85,946	71,623	14,323
Colombia	67,537	65,541	1,996
Costa Rica	75,133	66,945	8,188
Dominican Republic	678,209	586,978	91,231
Ecuador	92,860	33,996	58,864
El Salvador	46,429	39,242	7,187
Fiji Islands	45,265	29,226	16,039
French West Indies	68,149	65,340	2,809
Guatemala	63,314	62,572	742
Haiti	26,176	20,532	5,644
Honduras	7,599	7,070	529
India	82,508	44,771	37,737
Ireland	5,351	5,350	1
Malagasy Republic	9,740		9,740
Mauritius	18,909	184	18,725
Mexico	652,559	630,127	22,432
Nicaragua	75,133	64,003	11,130
Panama	39,500	35,702	3,798
Peru	455,991	257,883	198,108
South Africa	60,735	60,735	
Swaziland	7,448	348	7,100
Thailand	18,909	18,909	
Venezuela	32,079	30,981	1,098
Total foreign	5,189,514	4,051,887	1,137,627
Grand total	11,600,000	8,737,897	2,862,103

1/ Domestic beet and mainland cane sugar marketings partly estimated; all other sugar entered or authorized for entry.

2/ Direct-consumption charges and balances; Hawaii, 6,729 and 32,943; Panama, 2,719 and 1,098; Philippines, 8,881 and 51,039; Puerto Rico, 100,318 and 73,682; Ireland, 5,350 and 1.

3/ Includes raw sugar for direct consumption: Hawaii - 26.

4/ Despite deficits declared, the full basic quota remains available.

Table 10. Quota-exempt and over quota sugar authorized for entry as of September 30, 1970 1/

Country	Reexport	Feed	Alcohol	For refining under bond	Total
Short tons, raw value					
Argentina	1,759				1,759
Australia		8,644			8,644
Brazil	16,190	12,797			28,987
Dominican Republic	16,406	12,772	6,660		35,838
France	8,255				8,255
Guatemala	5,890				5,890
Honduras	3,160				3,160
Reunion	3,210				3,210
South Africa		16,539		819	17,358
Thailand				944	944
United Kingdom		3,504			3,504
Total	54,870	54,256	6,660	1,763	117,549

1/ In addition: (a) Under provisions of Sec. 212, 263 tons were entered as liquid sugar in small containers: 82 tons as the first ten tons; (b) Raw sugar was brought in for refining and return to: Hawaii 1,008 tons; Puerto Rico 308 tons; (c) Tons of Sugar in Customs Custody for subsequent entry: Hong Kong 37 tons.

Table 11. - Primary distribution of sugar, continental United States, by States, August 1970

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights ^{1/}					
New England					
Connecticut	106,192		5,038		111,230
Maine	56,355	3,983	403		60,741
Massachusetts	458,029	- 1,916	9,205	300	465,618
New Hampshire	47,427		805		48,232
Rhode Island	31,019	1,225	4,553		36,797
Vermont	28,883				28,883
Sub-total	727,905	3,292	20,004	300	751,501
Mid-Atlantic					
New Jersey	885,462	33	71,226	300	957,021
New York	1,326,068	24,846	63,572		1,414,486
Pennsylvania	1,165,109	13,366	47,677		1,226,152
Sub-total	3,376,639	38,245	182,475	300	3,597,659
North Central					
Illinois	844,976	1,250,413			2,095,389
Indiana	432,374	150,046	400		582,820
Iowa	51,559	230,286			281,845
Kansas	39,516	130,976			170,492
Michigan	320,797	371,733			692,530
Minnesota	25,584	308,676			334,260
Missouri	321,457	165,667			487,124
Nebraska	29,460	143,427			172,887
North Dakota	697	44,716			45,413
Ohio	762,643	230,672	400		993,715
South Dakota	820	35,690			36,510
Wisconsin	174,518	303,528			478,046
Sub-total	3,004,401	3,365,830	800		6,371,031
Southern					
Alabama	265,000				265,000
Arkansas	111,552	6,997			118,549
Delaware	177,096				177,096
District of Columbia	41,646		100		41,746
Florida	367,732		200	76,044	443,976
Georgia	660,847			3,160	664,007
Kentucky	243,061				243,061
Louisiana	386,871			11	386,882
Maryland	471,931	5	25,960		497,896
Mississippi	145,370				145,370
North Carolina	403,823		2,663		406,486
Oklahoma	119,216	39,481			158,697
South Carolina	203,185		540		203,725
Tennessee	383,466	12	380		383,858
Texas	821,424	168,372		3,070	992,866
Virginia	286,209		11,673		297,882
West Virginia	87,680		1,600		89,280
Sub-total	5,176,109	214,867	43,116	82,285	5,516,377
Western					
Alaska	341	2,065			2,406
Arizona	9,324	67,477			76,801
California	93,562	2,976,941	24,179		3,094,682
Colorado	8,962	161,577			170,539
Idaho	-1	45,559			45,558
Montana	3,089	39,633			42,722
Nevada	523	10,734			11,257
New Mexico	3,493	22,685			26,178
Oregon	9,677	200,757			210,434
Utah	3,958	81,300			85,258
Washington	8,818	271,243			280,061
Wyoming	1,965	8,060			10,025
Sub-total	143,711	3,888,031	24,179		4,055,921
Grand total	12,428,765	7,510,265	270,574	82,885	20,292,489

^{1/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 12 . - Primary distribution of sugar, continental United States, by States, January-August 1970

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights ^{1/}					
New England					
Connecticut	849,030	22,670	36,966	200	908,866
Maine	340,715	25,731	5,437		371,883
Massachusetts	3,436,897	143,764	44,729	1,200	3,626,590
New Hampshire	227,946	2,185	4,766		234,897
Rhode Island	244,810	31,575	16,119		292,504
Vermont	148,808	11,103			159,911
Sub-total	5,248,206	237,028	108,017	1,400	5,594,651
Mid-Atlantic					
New Jersey	6,333,913	10,788	487,662	1,200	6,833,563
New York	10,201,093	342,155	507,145		11,050,393
Pennsylvania	8,583,495	201,095	358,603		9,143,193
Sub-total	25,118,501	554,038	1,353,410	1,200	27,027,149
North Central					
Illinois	5,465,171	10,823,188	10,200	46,300	16,344,859
Indiana	3,065,376	993,787	2,800		4,061,963
Iowa	396,614	1,266,248			1,662,862
Kansas	347,148	788,747		2,830	1,138,725
Michigan	2,491,633	2,942,817		1	5,434,451
Minnesota	269,058	1,778,306			2,047,364
Missouri	2,298,735	1,299,835		5,180	3,603,750
Nebraska	139,492	1,081,165			1,220,657
North Dakota	6,858	254,253			261,111
Ohio	5,362,236	1,855,097	1,600	10,000	7,228,933
South Dakota	19,711	212,356			232,067
Wisconsin	1,131,563	1,761,169			2,892,732
Sub-total	20,993,595	25,056,968	14,600	64,311	46,129,474
Southern					
Alabama	1,804,828			9,334	1,814,162
Arkansas	821,635	92,221		8	913,864
Delaware	1,304,010		1,320		1,305,330
District of Columbia	295,932		900		296,832
Florida	3,090,239		400	535,943	3,626,582
Georgia	4,691,827		1,680	10,700	4,704,207
Kentucky	1,649,923	2,361			1,652,284
Louisiana	2,698,899			23,767	2,722,666
Maryland	3,560,659	5	200,463	5,697	3,766,824
Mississippi	1,032,790			130	1,032,920
North Carolina	2,790,721		11,979	99	2,802,799
Oklahoma	843,289	268,521		1	1,111,811
South Carolina	1,437,329		3,964		1,441,293
Tennessee	2,769,851	-43	1,240		2,771,048
Texas	5,881,196	1,216,856	60	44,009	7,142,121
Virginia	2,038,088		55,477		2,093,565
West Virginia	574,987	10,160	8,700		593,847
Sub-total	37,286,203	1,590,081	286,183	629,688	39,792,155
Western					
Alaska	14,239	28,136			42,375
Arizona	209,536	383,575			593,111
California	3,979,188	11,020,751	31,804		15,031,743
Colorado	164,197	1,004,531			1,168,728
Idaho	21,295	218,210			239,505
Montana	27,987	207,648			235,635
Nevada	49,860	36,257			86,117
New Mexico	45,431	139,154			184,585
Oregon	334,801	1,124,344	13,237		1,472,382
Utah	66,713	511,281			577,994
Washington	397,535	1,465,432	51,089		1,914,056
Wyoming	15,411	47,094			62,505
Sub-total	5,326,193	16,186,413	96,130		21,608,736
Grand total	93,972,698	43,624,528	1,858,340	696,599	140,152,165

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 13.- Primary distribution of sugar, continental United States, by states, January-August 1970

State and Region	Cane sugar		Beet		Total all	
	refiners		processors		Primary Distributors ^{1/}	
	1970	1969	1970	1969	1970	1969
Thousands of hundredweights ^{2/}						
New England						
Connecticut	849	787	23	23	909	872
Maine	340	335	26	39	372	375
Massachusetts	3,437	3,300	144	145	3,627	3,488
New Hampshire	228	259	2	3	235	262
Rhode Island	245	253	31	29	292	295
Vermont	149	149	11	4	160	153
Sub-total	5,248	5,083	237	243	5,595	5,445
Mid-Atlantic						
New Jersey	6,334	5,793	11	127	6,834	6,361
New York	10,201	9,645	342	495	11,050	10,684
Pennsylvania	8,583	7,545	201	655	9,143	8,570
Sub-total	25,118	22,983	554	1,277	27,027	25,615
North Central						
Illinois	5,465	5,653	10,823	8,832	16,345	14,545
Indiana	3,065	2,728	994	1,014	4,062	3,742
Iowa	397	450	1,266	1,108	1,663	1,558
Kansas	347	349	789	671	1,139	1,023
Michigan	2,492	2,031	2,943	2,704	5,435	4,735
Minnesota	269	284	1,778	1,569	2,047	1,858
Missouri	2,299	2,241	1,300	1,142	3,604	3,388
Nebraska	139	110	1,081	1,002	1,220	1,114
North Dakota	7	2	254	206	261	208
Ohio	5,362	4,614	1,855	1,916	7,229	6,541
South Dakota	20	14	212	209	232	223
Wisconsin	1,132	987	1,761	1,767	2,893	2,755
Sub-total	20,994	19,463	25,056	22,140	46,130	41,690
Southern						
Alabama	1,805	1,804			1,814	1,811
Arkansas	822	794	92	86	914	880
Delaware	1,304	1,141		39	1,305	1,183
District of Columbia	296	269		4	297	276
Florida	3,090	2,711			3,627	3,221
Georgia	4,692	4,781			4,704	4,795
Kentucky	1,650	1,576	2	39	1,652	1,615
Louisiana	2,699	2,607			2,723	2,630
Maryland	3,561	3,069	*	45	3,767	3,280
Mississippi	1,033	1,019			1,033	1,019
North Carolina	2,791	2,785			2,803	2,793
Oklahoma	843	795	269	330	1,112	1,127
South Carolina	1,437	1,239			1,441	1,239
Tennessee	2,770	2,747	*	5	2,771	2,753
Texas	5,881	4,863	1,217	1,754	7,142	6,661
Virginia	2,038	1,966		13	2,093	2,012
West Virginia	575	524	10	5	594	533
Sub-total	37,287	34,690	1,590	2,320	39,792	37,828
Western						
Alaska	14	25	28	20	42	45
Arizona	209	253	384	234	593	488
California	3,979	6,133	11,021	7,964	15,031	14,098
Colorado	164	171	1,005	883	1,169	1,054
Idaho	21	29	218	230	239	259
Montana	28	26	208	193	236	219
Nevada	50	70	36	26	86	96
New Mexico	46	50	139	121	195	171
Oregon	335	478	1,124	963	1,472	1,448
Utah	67	68	511	497	578	565
Washington	398	547	1,466	1,248	1,914	1,810
Wyoming	15	6	47	51	63	57
Sub-total	5,326	7,856	16,187	12,430	21,608	20,310
Grand total	93,973	90,074	43,624	34,484	140,152	130,888

^{1/} Includes deliveries by importers of direct-consumption sugar and mainland cane sugar mills.^{2/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 14. Sugar prices

Period	Raw cane sugar-spot price			Refined beet sugar quoted wholesale (gross) 4/			
	Domestic	"World"	Quota				
	sugar at NY.	sugar 2/	premium				
	duty paid 1/		and discount 3/	Eastern	Chicago-West	Pacific Coast	
Cents per pound							
1965-69 Monthly average	7.26	2.26	+4.03	9.69	9.69	9.88	
1968 Monthly average	7.52	1.98	+4.56	9.94	9.94	10.35	
1969 Monthly average	7.75	3.37	+3.38	10.23	10.23	10.14	
1969							
October	7.89	3.12	+3.77	10.35	10.35	10.25	
November	7.79	3.08	+3.71	10.35	10.35	10.16	
December	7.73	2.86	+3.87	10.35	10.35	9.81	
1970							
January	8.11	3.12	+3.91	10.50	10.50	10.38	
February	7.96	3.23	+3.61	10.58	10.58	10.50	
March	7.90	3.44	+3.34	10.85	10.85	10.50	
April	7.90	3.62	+3.16	10.85	10.85	10.50	
May	8.16	3.75	+3.26	10.85	10.85	10.70	
June	8.22	3.82	+3.25	11.20	11.20	10.70	
July	8.16	3.86	+3.15	11.20	11.20	10.70	
August	8.19	3.89	+3.15	11.20	11.20	10.70r/	
September	8.16	3.93	+3.08	11.35	11.35	11.20	
Last 12-month average	8.01	3.48	+3.44	10.80	10.80	10.51	
Year and month	Refined cane sugar - quoted wholesale (gross) 4/						Retail U.S. average
	North	South	Gulf	Chicago-	Pacific		
	East	East		West	Coast		
Cents per pound							
1965-69 Monthly average	10.70	10.24	10.10	9.80	9.88	12.12	
1968 Monthly average	10.84	10.59	10.45	9.94	10.35	12.18	
1969 Monthly average	11.44	10.85	10.50	10.23	10.14	12.40	
1969							
October	11.70	11.00	10.65	10.35	10.25	12.50	
November	11.70	11.00	10.65	10.35	10.16	12.48	
December	11.70	11.00	10.65	10.35	9.81	12.48	
1970							
January	11.70	11.06	10.80	10.50	10.38	12.54	
February	11.70	11.20	10.87	10.58	10.50	12.58	
March	11.70	11.20	10.90	10.85	10.50	12.70	
April	11.70	11.20	10.90	10.85	10.50	12.76	
May	11.88	11.20	10.90	10.85	10.70	12.84	
June	12.05	11.43	11.15	11.20	10.70	12.92	
July	12.05	11.50	11.15	11.20	10.70	13.04	
August	12.05	11.50	11.15	11.20	10.70	13.12	
September	12.20	11.65	11.15	11.35	11.20	13.16	
Last 12-month average	11.84	11.24	10.91	10.80	10.51	12.76	

1/ Spot prices are for bulk sugar under Contract No. 10 which, beginning November 21, 1966, replaces Contract No. 7. The terms of these contracts are duty paid or duty free, full duty rate .625 cent per pound.

2/ Spot prices are those under No. 8 Contract which is for bagged sugar f.o.b. and stowed at Greater Caribbean ports (including Brazil).

3/ The No. 10 "Domestic Bulk" Contract has been adjusted by deducting duty (.625¢), computed freight from the Greater Caribbean ports (including Brazil), insurance and unloading charges and adding the bag allowance (currently .55¢) before calculating the differential from No. 8 "World" Contract spot prices.

4/ These are basis prices in 100-pound paper bags, NOT delivered prices. To obtain delivered prices add "Freight Prepays" and deduct discounts and allowances. For illustration see Sugar Reports 81, January 1959, pages 5 to 9. r = Revised.

Table 15. Wholesale price quotations for sugar, dextrose and corn sirup

Period	Refined	Dextrose	Corn sirup	Dextrose	Corn sirup				
	sugar	New York 2/	New York 3/	relative to	relative to				
	wholesale			refined sugar	refined sugar				
	North-								
	east								
	1/	Quoted	Dry	Quoted	Dry	Quoted	Dry	Quoted	Dry
		basis	4/	basis	4/	basis	basis	basis	basis
		Cents per pound				Percent			
1952	8.62	7.29	7.92	7.37	9.18	85	92	85	106
1953	8.72	7.35	7.99	7.32	9.12	84	92	84	105
1954	8.72	7.32	7.96	7.32	9.12	84	91	84	105
1955	8.59	7.22	7.85	7.25	9.03	84	91	84	105
1956	8.77	7.28	7.91	7.15	8.90	83	90	82	101
Average 1952-56	8.68	7.29	7.93	7.28	9.07	84	91	84	104
1957	9.15	7.65	8.32	7.36	9.17	84	91	80	100
1958	9.27	7.66	8.33	7.37	9.18	83	90	80	99
1959	9.33	7.48	8.13	7.31	9.10	80	87	78	98
1960	9.43	7.48	8.13	7.32	9.12	79	86	78	97
1961	9.40	7.45	8.10	7.23	9.00	79	86	77	96
Average 1957-61	9.32	7.54	8.20	7.32	9.11	81	88	79	98
1962	9.60	7.40	8.04	7.01	8.73	77	84	73	91
1963	11.94	8.37	9.10	7.38	9.19	70	76	62	77
1964	10.68	8.14	8.85	6.71	8.36	76	83	63	78
1965	10.22	8.00	8.70	6.64	8.27	78	85	65	81
1966	10.36	8.16	8.87	6.70	8.34	79	86	65	81
Average 1962-66	10.56	8.01	8.71	6.89	8.58	76	82	65	81
1967	10.62	8.37	9.10	6.75	8.40	79	86	64	79
1968	10.84	8.53	9.27	6.31	7.85	79	86	58	72
1969	11.44	8.98	9.77	6.26	7.80	78	85	55	68
<u>1969</u>									
October	11.70	9.16	9.96	6.43	8.01	78	85	55	68
November	11.70	9.16	9.96	6.43	8.01	78	85	55	68
December	11.70	9.16	9.96	6.43	8.01	78	85	55	68
<u>1970</u>									
January	11.70	9.16	9.96	6.45	8.03	78	85	55	69
February	11.70	9.17	9.97	6.50	8.09	78	85	56	69
March	11.70	9.24	10.04	6.50	8.09	79	86	56	69
April	11.70	9.24	10.04	6.50	8.09	79	86	56	69
May	11.88	9.24	10.04	6.50	8.09	78	85	55	68
June	12.05	9.24	10.04	6.50	8.09	77	83	54	67
July	12.05	9.41	10.23	6.54	8.14	78	85	54	68
August	12.05	9.52	10.35	6.90	8.59	79	86	57	71
September	12.20	9.52	10.35	7.26	9.04	78	85	60	74
Last 12-month average	11.84	9.27	10.08	6.58	8.19	78	85	56	69

1/ Gross basis price in 100-pound bags subject to a 2 percent cash discount.

2/ Hydrate, commercial bags less than carlots, ex whse., N.Y., N.Y. Beginning April 1964 price is for 600 bag carload f.o.b. N.Y.

3/ For regular conversion sirup (38-49 D.E.) in tank cars New York, N.Y., except prior to April 1964 price quotation is for corn sirup in drums. Quoted as 43° Baume unmixed, except prior to March 1956 quotation is for 42° Baume unmixed.

4/ Assumes price is for 92 percent solids for dextrose and 80.3 percent solids for corn sirup. Thus dry basis price is quoted price divided by 0.92 for dextrose and 0.803 for corn sirup.

Table 16.- Refined sugar production and month end stocks

Year and month	Production		Month-end stocks <u>1/</u>	
	Cane sugar refiners	Beet processors	Cane sugar refiners	Beet processors
1,000 short tons, raw value				
1965-69 monthly average	606	248	274	1,186
1968 monthly average	642	253	293	1,042
1969 monthly average	613	270	278	1,217
<u>1969</u>				
October	643	562	298	769
November	551	623	297	1,156
December	574	567	269	1,413
<u>1970</u>				
January	585	475	254	1,677
February	529	290	264	1,707
March	637	132	264	1,553
April	658	151	309	1,455
May	707	129	332	1,338
June	614	73	253	1,076
July	629 <u>2/</u>	111	225 <u>2/</u>	842
August <u>2/</u>	662	117	220	557
September <u>3/</u>	664	140	215	324
Last 12-month average	621	281	267	1,156

1/ Includes over-quota and quota exempt2/ Revised3/ Preliminary